In the Abstract:

Insert a new Abstract as follows:

A process (111,101) of sending packets of real-time information at a sender (311) includes initially generating packets of real-time information with a source rate (s11) greater than zero kilobits per second, and a time or path or combined time/path diversity rate (d11) initially being at least zero kilobits per second. Sending the packets results in a quality of service QoS, optionally measured at the sender (311). Rate/diversity adaptation decision may be performed at receiver (361') instead. When the QoS is on an unacceptable side of a threshold of acceptability (Th1), the sender increases the diversity rate (d11 to d22) and sends not only additional ones of the packets of real-time information but also sends diversity packets at the increased diversity rate (d22). Increasing the diversity rate (d11 to d22) while either reducing or maintaining the overall transmission rate (sij+dij) is an important new improvement.